

AMtext 425

Word processor with full-page display



AMtext 425 combines text editing power with full-page display.

You get the power to efficiently handle just about every application.

And you get a full-page display, so you'll be able to see how your text will look before it's printed.

But that's not all. The 425 is a flexible system that will grow with you. And it's software based so its capabilities can be easily upgraded.

In addition, you can add to the system's power with other members of the AMtext family, such as OCR and mag card readers, telecommunications, wide line printer and even phototypesetting. And your 425 can interact with the powerful AMtext 100 shared resource system.

Editing power.

The 425 efficiently performs all standard text editing functions. But it also does a lot more.

For example, you can move entire columns at the push of a button. So financial reports, lists and budgets are easy. And unique, automatic wrapping between columns allows easy editing of continuous multi-column jobs.

Or you can automatically assemble documents from sentences, paragraphs, or even entire pages you've stored in the system.

With our forms package, you can recreate your forms on the screen, making it easy to enter information.

Full-page display.

As text is keyboarded, it appears on the screen in large, easy to read, high resolution characters.

The screen displays a full page of text. So you'll see how the page will look while you're working on it.

If you want to change the format, it's easy. And you'll get perfectly positioned pages, every time.

Operator designed.

A powerful system can be easy to use. The AMtext 425 proves it.

Because it has been designed by experienced operators who understand what your operators need. So the 425 is easy enough for the new operator yet powerful enough to do every word processing job, easily.



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In fact, that's the basis of the AMtext approach: building systems that are as powerful as your needs, but designed with the operator in mind.

Automatic directory.

It's easy to keep track of all the material recorded on the floppy disk. When you start a new document, simply type its name in the directory, a permanent automatic record of everything stored on the disk.

When you finish the document, the directory records the number of pages, and even tells you how much space is left on the disk.

To revise or edit a document, a simple command will bring it back to the screen. And the directory automatically records the last revision date of the document.

High quality printing.

Once you've checked the text on the screen, give the system a simple command, and you'll get a high-quality document, printed at 660 words per minute.

And you can start typing and editing the next document while the last one is printing, because the input and output are independent.

Unlimited storage.

The 425 gives you unlimited document storage, because, depending on page size, you can store up to 150 pages on the removable floppy disk.

It will grow with you.

The AMtext 425 will grow as your word processing needs grow.

You can add the 425A, for example. It has all the features of the 425, without the printer. You can type and edit your work on the 425A, then transfer the disk to the 425 for printing.

And if you later need another printer, it can easily be added to the 425A.

Best of all, you won't be faced with machine obsolescence, because the 425 is software based. As new capabilities are developed, a new system disk will bring them to you.

Call your AM Jacquard Systems representative today, and ask to see a demonstration of the AMtext 425 word processor. The powerful word processing system that is easy to learn and easy to use.



Document may be printed as another is edited.



425A serves as input/edit station.



The AMtext 425 is a dual disk system.



Extra wide copy is handled by wide line printer.

AMtext: Dependable systems backed by a comprehensive service and support program.

Actual unretouched photo of the AMtext display screen.

Our commitment to you.

When you buy, lease or rent word processing equipment from AM Jacquard Systems, you get our total commitment, now and in the future, that assures the successful installation and operation of your AMtext word processing system.

To support that commitment, we have offices in over 100 cities throughout North America, staffed with skilled professionals ready to meet your needs with planning, training, supplies, and service.

Systems planning.

Our support begins with planning your system. Your AM Jacquard Systems representative will work with you to analyze your needs, and design the system that will best meet those specific requirements.

And when your requirements and applications expand, we have the modular systems that will best accommodate your needs and grow with you.

Operator training.

To assure the successful installation and operation of your AMtext system, a locally-based Marketing Support Representative will train your operators with courses that best fit your applications.

Our MSR's will help your operators get maximum productivity from your system. And continuing training will always be available if further assistance should be required.

Local service.

Locally-based Technical Representatives are available if you need them, to provide service and maintain your AM Jacquard Systems equipment at peak levels. Our service and maintenance program begins the day your word processing system is installed. And



preventive maintenance is available to assure continued performance to your complete satisfaction.

Systems for growth.

As your requirements expand, you'll never outgrow AM Jacquard Systems. Because you can upgrade your system with a wide range of modular hardware and software enhancements.

The AMtext 100 is a true shared resource, multifunction information system capable of supporting multiple work stations and peripherals simultaneously.

The Amtext 425 and 425A are powerful stand-alone work stations with a full-page video display.

The AMtext 225 is a low-cost system that turns electric typewriters into flexible text editors.

The AMtext product line includes a complete selection of peripheral devices, including telecommunications, an optical character reader, magnetic card reader, phototypesetters, daisy wheel printers, high-speed line and matrix printers, as well as mass storage on floppy and hard disk drive units.

So before you buy a word processing system, talk to AM Jacquard Systems. No one is doing more to make information management easy.



Jacquard Systems

1639 11th Street, Santa Monica, Calif. 90404
(213) 450-1242, ext.777 □ TWX (910) 343-6967

AMtext

Typesetting connection



Jacquard Systems

the Informationists.

When you need word processing and typesetting AMtext is the natural choice.

More and more companies have turned to word processing to improve their information flow.

Now more and more companies are turning to typesetting to make their communications more effective.

The typesetting advantages.

Typeset copy is the ultimate in output quality for your important documents.

It looks better, and is much easier to read. With typesetting you can use different type styles and sizes for a professional look and italics or bold for emphasis when you need it.

Of equal importance, typesetting will actually save you money, because typeset copy can use less than half the space of typewritten copy. This can add up to tremendous savings in paper, printing and postage.

Why AMtext?

If you want the advantages of both word processing and typesetting, the AMtext system is your natural choice. Because the AMtext 425 word processor is disk-compatible with our AM Varityper Comp/Set phototypesetter via a simple software conversion. No costly black-box interface is required.

Your operator can type and edit text on the AMtext system. Then, when you're ready to typeset the copy, typesetting commands may be inserted in two ways.

The typesetting commands can be easily inserted on the AMtext word processor, or they can be entered on our compatible AM Varityper phototypesetter. With either method, the typesetting connection is simple. All you do is insert our special typesetting software program and your text file will be automatically converted to a diskette directly compatible with



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Comp/Set 510-II phototypesetter

Actual, unretouched photo of Comp/Set screen.



System features

- ☐ 12" high-resolution CRT screen. Displays up to 704 characters in edit/scroll mode*, and up to 512 characters in counting mode.
- ☐ Complete function display.
- ☐ Up to 128 or 256*-character display repertoire including auxiliary characters and commands.
- ☐ Color-coded, typewriter-oriented keyboard.
- ☐ 20 lines per minute speed keeps pace with direct operator input.
- ☐ 70 type sizes and four type styles on-line with unlimited mixing of all 280 on-line fonts.
- ☐ Type discs changed in seconds; character widths automatically loaded from data on type disc.
- ☐ Type library of over 400 available type styles.
- ☐ 45-pica maximum line length in all sizes.
- ☐ Operator selection of automatic hyphenation*, hyphenless, or manual justification. Programmable parameters.
- ☐ Flush left, flush right, and centered composition.
- ☐ Automatic insertion of horizontal leaders and rules.

*Requires Program 24.

- ☐ Character mortising for optimum letterfit.
- ☐ Automatic tabular composition.
- ☐ Data storage for automatic insertion of repetitive alphanumerics and commands.
- ☐ System expandable with off-line terminals.
- ☐ Word processing input from AMtext 425 systems by automatic conversion of diskettes.
- ☐ Interchangeable use of film, resin coated paper, and grade S paper.

Options

- ☐ Single or dual* magnetic disk record/playback module.
- ☐ Auxiliary reader for perforated tape input.
- ☐ Program 24 with additional memory for expanded operating capability, exception dictionary, foreground/background operation, and many other available functions.
- ☐ General Purpose Interface Port for input from other sources such as other word processors, computers, wire service, etc.

AM Varsityper

Comp/Set 510-II phototypesetter

Search: Automatic search: search tag up to five characters. With edit/scroll option*: global search and replace up to 7,000 characters.

Data storage: Up to 99 programmable data storage areas; alphanumerics and/or commands stored and automatically inserted.

PHOTO UNIT

Type sizes: 70 type sizes on-line from 5½ to 74 pts; all whole numbers (except 55), plus 5½ and 8½ pts. Unlimited mixing.

Type styles: Four type styles on-line. Unlimited mixing.

Characters: 448 characters on-line.

Character widths: Preprogrammed on type disc; automatically loaded.

Line length: 45-pica maximum in all sizes.

Line spacing (leading): Primary, secondary, and add-lead; each 0 to 99½ pts. in ½-pt. increments.

Reverse carriage: Allows copy to be positioned to left of established left margin.

Output speed: 20 lines per minute (based on 11-pica line, 9-pt. type).

Imaging material: Film, grade S paper, resin coated paper; width to 8".

SYSTEM FUNCTIONS

Justification: Operator selection of mode: automatic hyphenation* with full hyphenation logic, exception dictionary, and discretionary hyphenation; automatic hyphenless; manual. Programmable standards.

Justification space control: Min./max. allowable justifying word space; max. allowable letterspace expansion; values operator programmable.

Copy positioning: Flush left, right, and centering automatic by keyboard command.

Mortise: By keyboard command in ½-point increments.

White space control: Reduction and addition of letterspace from ¼-unit to 1½-units in ¼-unit graduations.

Tabular composition: Up to 99 tabs within overall measure; copy may be justified, flush left, right, or centered within tabs; automatic machine entry of stored tab formats.

Indent: Automatic left, right, center.

Ragged composition: Automatic left, right, and center; can be reset to new line endings after entry of new parameters.

Leaders/rules/space: Automatic insertion of space, or any selected flashable character as horizontal leader or rule; and any selected width value.

Repeat line: Automatic repeat of any copy line as many times as required.

Line length remaining indicator: Shows line length remaining in units.

Copy depth indicator: Shows accumulation of depth in inches and points.

Options:

- ☐ Record/playback modules: models 504 (single disk) and 508* (dual disk).
- ☐ Auxiliary reader model 513 for perforated tape input.
- ☐ General Purpose Interface Port.
- ☐ Program 24 (requires record/playback module); permits use of added options:
 - + Additional memory 8K or 20K for optional functions.
 - + Exception dictionary (included with Program 24).
 - + Reverse leading up to 16".
 - + Foreground/background operation.

Electrical: 115V AC 60Hz; 7.5 amps. UL listed, CSA approved.

Environmental Requirements: Ambient temperature 50°-90°F; relative humidity 10% to 90%.

BTU/Hr: Approximately 2,360.

Dimensions:	photo unit	
	only	assembled
height	29½"	39½"
width	24"	51"
depth	51"	51"
weight		485 lbs.

Comp/Set 524-II

The Comp/Set 524-II is identical in all respects to the model 510-II, above, except the type size range is 21 sizes from 5½ to 24 points including all whole numbers and 5½ and 8½ point sizes.

Comp/Set 560-II

The Comp/Set 560-II is identical in all respects to the model 510-II, above, except it includes up to eight languages on-line. The languages are selected by keyboard command. The actual characters and accents of the language in use will appear on-screen. Languages that read from right to left* will be displayed in that configuration.

SPECIFICATIONS

Configuration: Stand-alone phototypesetter; keyboard, video display, expandable 32K ROM/RAM memory, photo unit.

Keyboard: 49 typewriter-oriented keys; 29 additional keys for editing and typographic control.

VIDEO DISPLAY

Screen size: 12" distortion-free CRT; displays characters equivalent to 22-pt. type with space for accents above upper and lower case characters; green characters on black background.

Screen text capacity: Up to 512 characters in counting mode; up to 704 characters in edit/scroll mode*.

Function field: 2-line display of job status.

Character set: Up to 128 or 256* upper and lower case alphanumeric characters, functions, and diagnostic symbols.

Cursor: Character-size rectangle; movement left or right, line-to-line wrap; single or continuous stepping.

Editing: Insert; delete character or line; overstrike of individual characters. With edit/scroll option*: insert, delete, block move, global search and replace.

*Requires Program 24.

Specifications subject to change without notice.
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AM Varsityper
11 Mount Pleasant Avenue
East Hanover, New Jersey 07936
CANADIAN HEAD OFFICE
165 Milner Avenue
Scarborough, Ontario M1S4G7

For immediate information on
Varsityper composition systems, call
toll-free 800-631-8134 except in Alaska
and Hawaii: in New Jersey call
201-887-8000, ext. 666.
In Canada, call 416-298-2700.

 **Varsityper**

Composed on a Comp/Set phototypesetter
Litho in USA A79-14

Comp/Set 3510 phototypesetter

Actual, unretouched photo of Comp/Set screen.



System features

- ☐ 50-70 lines per minute speed permits input from multiple off-line sources.
- ☐ 12" high-resolution CRT screen. Displays up to 704 characters in edit/scroll mode*, and up to 512 characters in counting mode.
- ☐ Complete function display.
- ☐ Up to 128 or 256* character display repertoire including auxiliary characters and commands.
- ☐ Color-coded, typewriter-oriented keyboard.
- ☐ 70 type sizes and four type styles on-line with unlimited mixing of all 280 on-line fonts.
- ☐ Type discs changed in seconds; character widths automatically loaded from data on type disc.
- ☐ Type library of over 400 type styles.
- ☐ 45-pica maximum line length in all sizes. 70-pica maximum line length optional.*
- ☐ Operator-selection of automatic hyphenation*, hyphenless, or manual justification. Programmable parameters.

*Requires Program 24.

- ☐ Flush left, flush right, and centered composition.
- ☐ Automatic insertion of horizontal leaders and rules.
- ☐ Character mortising for optimum letterfit.
- ☐ Automatic tabular composition.
- ☐ Data storage for automatic insertion of repetitive alphanumerics and commands.
- ☐ System expandable with off-line terminals.
- ☐ Word processing input from AMtext 425 systems by automatic conversion of diskettes.
- ☐ Interchangeable use of film, resin coated paper, and grade S paper.

Options

- ☐ Single or dual* magnetic disk record/playback module.
- ☐ Auxiliary reader for perforated tape input.
- ☐ Program 24 with additional memory for expanded operating capability, exception dictionary, foreground/background operation, and many other available functions.
- ☐ General Purpose Interface Port for input from other sources such as other word processors, computers, wire service, etc.

Varityper

Comp/Set 3510 phototypesetter

SPECIFICATIONS

Configuration: Stand-alone phototype-setter; keyboard, video display, expandable 32K ROM/RAM memory, photo unit.

Keyboard: 49 typewriter-oriented keys; 29 additional keys for editing and typographic control.

VIDEO DISPLAY

Screen size: 12" distortion-free CRT; displays characters equivalent to 22-pt. type with space for accents above upper and lower case characters; green characters on black background.

Screen text capacity: Up to 512 characters in counting mode; up to 704 characters in edit/scroll mode*.

Function field: 2-line display of job status.

Character set: Up to 128 or 256* upper and lower case alphanumeric characters, functions, and diagnostic symbols.

Cursor: Character-size rectangle; movement left or right, line-to-line wrap; single or continuous stepping.

Editing: Insert; delete character or line; overstrike of individual characters. With edit/scroll option*: insert, delete, block move, global search and replace.

Search: Automatic search: search tag up to five characters. With edit/scroll option*: global search and replace up to 7,000 characters.

Data storage: Up to 99 programmable data storage areas; alphanumerics and/or commands stored and automatically inserted.

PHOTO UNIT

Type sizes: 70 type sizes on-line from 5½ to 74 pts; all whole numbers (except 55), plus 5½ and 8½ pts.

Unlimited mixing.

Type styles: Four type styles on-line. Unlimited mixing.

Characters: 448 characters on-line.

Character widths: Preprogrammed on type disc; automatically loaded.

Line length: 45-pica maximum in all sizes; 70-picas optional*.

Line spacing (leading): Primary, secondary, and add-lead; each 0 to 99½ pts. in ½-pt. increments. (¼-pt. increments with 70-pica line length option*).

Reverse carriage: Allows copy to be positioned to left of established left margin.

Output speed: 50 lines per minute (based on 11-pica line, 9-pt. type); 70 lines per minute proof mode.

Imaging material: Film, grade S paper, resin coated paper; width to 8"; to 12" with 70-pica option*.

SYSTEM FUNCTIONS

Justification: Operator selection of mode: automatic hyphenation* with full hyphenation logic, exception dictionary, and discretionary hyphenation; automatic hyphenless; manual. Program-mable standards.

Justification space control: Min./max. allowable justifying word space; max. allowable letterspace expansion; values operator programmable.

Copy positioning: Flush left, right, and centering automatic by keyboard command.

Mortise: By keyboard command in ½-point increments.

White space control: Reduction and addition of letterspace from ⅛-unit to 1 ⅛-units in ⅛-unit graduations.

Tabular composition: Up to 99 tabs within overall measure; copy may be justified, flush left, right, or centered within tabs; automatic machine entry of stored tab formats.

Indent: Automatic left, right, center.

Ragged composition: Automatic left, right, and center; can be reset to new line endings after entry of new parameters.

Leaders/rules/space: Automatic insertion of space, or any selected flashable character as horizontal leader or rule; and any selected width value.

Repeat line: Automatic repeat of any copy line as many times as required.

Line length remaining indicator: Shows line length remaining in units.

Copy depth indicator: Shows accumulation of depth in inches and points.

Options:

- ☐ Record/playback modules: models 504 (single disk) and 508* (dual disk).
- ☐ Auxiliary reader model 513 for perforated tape input.
- ☐ General Purpose Interface Port.
- ☐ Program 24 (requires record/playback module); permits use of added options:
 - + Additional memory 8K or 20K for optional functions.
 - + Exception dictionary (included with Program 24).
 - + Reverse leading up to 16".
 - + Foreground/background operation.

Electrical: 115V AC 60Hz; 7.5 amps. UL listed, CSA approved.

Environmental Requirements: Ambient temperature 50°-90°F; relative humidity 10% to 90%.

BTU/Hr: Approximately 2,360.

Dimensions:	photo unit	
	only	assembled
height	29½"	39½"
width	24"	51"
depth	51"	51"
weight		485 lbs.

Comp/Set 3560

The Comp/Set 3560 is identical in all respects to the model 3510, above, except it includes up to eight languages on-line. The languages are selected by keyboard command. The actual characters and accents of the language in use will appear on-screen. Languages that read from right to left* will be displayed and set in that configuration.

*Requires Program 24.

Specifications subject to change without notice.

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AM Varityper
11 Mount Pleasant Avenue
East Hanover, New Jersey 07936
CANADIAN HEAD OFFICE
165 Milner Avenue
Scarborough, Ontario M1S4G7

For immediate information on Varityper composition systems, call toll-free 800-631-8134 except in Alaska and Hawaii: in New Jersey call 201-887-8000, ext. 666. In Canada, call 416-298-2700.

 **Varityper**

Composed on a Comp/Set phototypesetter
Litho in USA A79-15

Comp/Set 4800 area composition terminal



System features

- ☐ Eliminates most manual mark-up.
- ☐ Paste-up reduced or eliminated.
- ☐ Simplifies input keyboarding.
- ☐ Reduces input keystrokes by as much as 50%.
- ☐ Eliminates complex format commands.
- ☐ Off-line input by floppy disk and optional perforated tape.
- ☐ Direct input from on-line keyboard.
- ☐ 9" x 7½" interactive CRT screen.
- ☐ Scrolling up to 6,000 characters.
- ☐ Displays up to 2,800 characters.
- ☐ Displays layout on-screen in actual type size and placement.
- ☐ 28 displayable type sizes; others programmable in 1-point increments.
- ☐ 54-pica line length displayed.
- ☐ Function field displays continuously updated parameters.
- ☐ All functions keyboard controlled.
- ☐ Typewriter-oriented keyboard.
- ☐ Three auxiliary keypads with 44 auxiliary keys for function control.
- ☐ Function keys identified with international graphic symbols.
- ☐ Automatically repeated formats.
- ☐ Eight programmable memory areas for rapid recall and insertion of repetitive formats and/or text.
- ☐ Automatic justification and hyphenation.
- ☐ Displays exact line endings.
- ☐ Character widths for up to 16 type styles stored on-line.
- ☐ Character widths loaded by floppy disk.

Option

- ☐ Auxiliary reader for perforated tape input.

 **Varityper**

Comp/Set 4800

area composition terminal

SPECIFICATIONS

CONFIGURATION

Stand-alone system consisting of interactive CRT screen and keyboard, dual floppy disk drives, and controller.

TEXT FUNCTIONS

- ☐ Insert/delete of characters and blocks.
- ☐ Move/merge of blocks.
- ☐ Define and copy function permits free-form formatting of individual copy units.
- ☐ Dual mode operations: compose mode for automatic input, mark-up, layout, and output; text mode for proofreading of copy on-screen.

COMPOSITION FUNCTIONS

- ☐ Quadding, tabbing, and text positioning commands.
- ☐ Justification of text with or without automatic hyphenation.
- ☐ Skew and block formatting commands.
- ☐ Copying commands for repetitive formats.

VIDEO DISPLAY

Viewing area: 9" x 7 1/2".

Display capacity: Up to 2,800 characters.

Character repertoire: 160 standard characters including upper and lower case alphanumerics, pi symbols, and functions. 32 additional characters are user programmable.

Character size range: 28 standard displayable sizes including the following point sizes: 5 1/2, 6, 7, 8, 9, 10, 11, 12, 14, 16, 18, 20, 24, 28, 30, 34, 36, 42, 44, 48, 52, 56, 60, 64, 68, 72, 74. Other sizes are programmable in 1-point increments.

Line length: Up to 54 picas can be displayed; up to 70 picas can be specified and set.

Function field: displays continuously updated typesetting parameters.

Video modifiers:

Bold identifies block associated with parameter data in the function field in which cursor is currently active.



Underline identifies block which has been defined by the operator.
Cross hatch identifies position within a block at which font change has occurred.
Blink indicates that operator intervention is required.

KEYBOARD

108 keys including 64-key typewriter keypad with secretarial shift/unshift and shift lock, non-locking double shift, and triple shift for special functions; 44 auxiliary keys for control of all functions, function keys labelled with international graphic symbols; operator indicator lights.

CUSTOMIZATION

The user can tailor the unit to meet specific job requirements: point sizes, display character shapes, and font widths can be altered.

TYPESETTING FUNCTIONS

Comp/Set and Comp/Edit phototypesetter functions can be controlled, including hyphenation, justification, and mortise. Up to 16 font width tables stored on-line, user programmable by floppy disk from type discs on the phototypesetter.

INPUT

Input is from off-line sources (below), and from the unit's on-line keyboard.

Floppy disk: Input by floppy disk can be originated on Comp/Set 5404 or 5408 Video Display Input terminals, Comp/Set series 3500 or 4500 phototypesetters.

Perforated tape: Can be originated on Electro/Set or other perforators; perforated tape reader optional.

OUTPUT

Floppy disk, coded for Comp/Set or Comp/Edit phototypesetter; commands automatically generated to convert screen layout to typeset output.

FILE MANAGEMENT

Floppy disk provides storage and file management for raw text, screen image or styled text, and typesetter output text on same floppy disk.

DIAGNOSTICS

Automatic resident self-diagnostic routine checks system when machine is turned on; automatic in-depth diagnostic routine enables service technician to rapidly isolate and correct malfunctions.

PHYSICAL SPECIFICATIONS

Electrical: 115V AC 60Hz; current consumption 8 amps; or 230 V AC 50Hz; current consumption 4 amps.

UL Listed, CSA approved.

BTU/Hr: 3,140

Environmental requirements: Ambient temperature 50° to 90° F; relative humidity 10% to 90%.

Dimensions:

height	42 3/4" (108.6 cm)
width	70" (177 cm)
depth	55" (139.7 cm)
weight	327 lbs. (148 kg)

Specifications subject to change without notice.

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AM Varityper
 11 Mount Pleasant Avenue
 East Hanover, New Jersey 07936
 CANADIAN HEAD OFFICE
 165 Milner Avenue
 Scarborough, Ontario M1S4G7

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AM Varityper

Composed on a Comp/Set phototypesetter
 Litho in USA A79-21

Comp/Edit 5810 phototypesetter

Actual, unretouched photo of Comp/Edit screen.



System features

- ☐ 17" CRT screen displays 38 text lines and 2-line revolving function field.
- ☐ Scrolling up and down.
- ☐ Up to 256 character display repertoire.
- ☐ Full editing and correcting capability.
- ☐ Three automatic search fields.
- ☐ Automatic global search and replace.
- ☐ Block move capability.
- ☐ Functions displayed at half-intensity.
- ☐ Dual floppy disks store up to 600,000 characters.
- ☐ Automatic file directory, displays file names.
- ☐ Merge file capability.
- ☐ Format storage.
- ☐ Storage and automatic insertion of repetitive alphanumerics and/or commands.
- ☐ Typewriter-oriented keyboard.
- ☐ Three function-control keypads.
- ☐ Operator-selection of justification mode and justification parameters.
- ☐ Exception dictionary.

- ☐ Automatic compensation for tight lines.
- ☐ Automatic ragged composition.
- ☐ White space reduction and addition.
- ☐ Automatic kerning of operator-selectable character combinations; manual kerning of other combinations.
- ☐ Foreground/background operation.
- ☐ Automatic tabular composition.
- ☐ Automatic insertion of horizontal leaders and rules.
- ☐ Automatic insert space.
- ☐ 138 type sizes, 16 type styles on-line.
- ☐ Unlimited mixing of all 2,208 on-line fonts.
- ☐ 70-pica maximum line length.
- ☐ 16" reverse leading; automatic baseline positioning.
- ☐ 50-70 lines per minute speed permits input from multiple off-line sources.

Options

- ☐ Auxiliary reader for perforated tape input.
- ☐ Word processing input by automatic conversion of disk from AMtext 425 word processor.
- ☐ General Purpose Interface Port.

AM **Varityper**

Comp/Edit 5810 phototypesetter

binations up to 8 characters; one global search with automatic replace up to 256 characters; multiple searches operator programmed.

Data storage: Up to 99 programmable data storage areas; alphanumerics and/or commands stored and automatically inserted.

COMPUTER MANAGED STORAGE/RETRIEVAL

Storage: Dual magnetic disk drives; random access magnetic disks; 240 variable length files per disk; 300,000 characters per disk.

Filing system: Each file automatically indexed by file name of up to eight alphanumeric characters.

File directory: File names on disk displayed by operator command.

PHOTO UNIT

Type sizes: 138 on-line type sizes from 5½ to 74 pts. including all whole and half-point sizes; unlimited mixing.

Type styles: 16 type styles on-line; four type discs of four styles each. Unlimited mixing.

Characters: 1,792 characters on-line; 448 characters per type disc.

Character widths: Pre-programmed on type disc; automatically loaded.

Line length: 70-picas maximum in all sizes.

Line spacing (leading): Primary and secondary spacing from 0 to 99½ pts. in ½-pt. increments; also +1 pt. and -1 pt. single-key function, and zero line spacing.

Reverse/advance feed: Up to 16" in ½-pt. increments; ½ pt. to 999½ pts. per feed.

Reverse carriage: Allows copy to be positioned to left of established left margin.

Output speed: 50 lines per minute (based on 11-pica line, 9-point type); 70 lines per minute proof mode.

Imaging material: Film, grade S paper, or resin coated paper; width to 12".

SYSTEM FUNCTIONS

Justification: Operator selection of mode; automatic hyphenation with full hyphenation logic, exception dictionary, and discretionary hyphenation; automatic hyphenless; manual. Programmable standards table.

Justification space control: Min./max. allowable justifying word space; max. allowable letterspace expansion; values operator programmable.

Rejustification: Automatic rejustification after editing or entry of new parameters.

Copy positioning: Flush left, right, and centering; automatic by keyboard command.

Mortise: By keyboard command in ½-unit increments; stored value from ½ to 99½-units.

Automatic kerning: Operator-selectable character pairs automatically kerned in ½-unit increments from ½ to 9½ units.

White space control: Reduction and addition of letterspace from ⅛-unit to over 12 units in ⅛-unit increments.

No flash: No-print function for copy-fitting purposes.

Zero width: Sets characters without escapement for special effects such as overlapping and floating accents.

Tabular composition: Up to 20 tabs within overall measure; copy may be justified, flush left, right, or centered within tabs; each tab can contain separate auto-indent, size, font, line length, copy positioning instructions.

Indent: Automatic indent left, right, center, and hanging.

Ragged composition: Automatic left, right, and center; can be reset to new line endings automatically after entry of new parameters.

Leaders and rules: Automatic insertion of any selected flashable character as horizontal leader or rule; and any selected width value.

Insert space: Automatic insertion of white space (up to 256 insertions per line).

Repeat copy: Automatic repeat of any line/block as many times as required.

Line length remaining indicator: Shows line length remaining in units.

Page depth indicator: Shows accumulation of line spacing in points.

Options:

- ☐ Automatic conversion of disks from AMtext 425 word processing system.
- ☐ General Purpose Interface Port.
- ☐ Languages: unit can be configured for any one of many available languages.

Electrical: 115V AC 60Hz; 7.5 amps. UL listed, CSA approved.

Environmental requirements: Ambient temperature 50°-90°F; relative humidity 10% to 90%.

BTU/Hr: Approximately 2,360.

Dimensions:	photo unit	
	only	assembled
height	29½"	45"
width	26"	56"
depth	51"	51"
weight		570 lbs.

SPECIFICATIONS

Configuration: Stand-alone phototype-setting system: keyboard, video display, 80K all-RAM memory, dual magnetic disk storage/retrieval, photo unit.

Keyboard: 49 typewriter-oriented keys, three auxiliary keypads for editing, data management, typographic control.

VIDEO DISPLAY

Screen size: 17" distortion-free CRT; displays characters equivalent to 18-pt. type with space for accents above upper and lower case characters; green characters on black background; command functions displayed at half-intensity.

Screen text capacity: 38 lines; up to 64 characters per screen line; up to 2,432 characters total screen capacity.

Function field: Two lines; revolving display of job status.

Character set: Up to 256 upper and lower case alphanumeric characters, function and diagnostic symbols.

Scrolling: Up/down; up to 8,000 characters.

Cursor: Character-size rectangle; unrestricted movement left, right, up, down, home; single and continuous stepping.

Editing: Insert; move; delete of character, word, line, block; overstrike of individual character.

Search: 3 automatic search fields; two by alphanumeric and/or function com-

Specifications subject to change without notice.
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AM Varityper
11 Mount Pleasant Avenue
East Hanover, New Jersey 07936
CANADIAN HEAD OFFICE
165 Milner Avenue
Scarborough, Ontario M1S4G7

For immediate information on Varityper composition systems, call toll-free 800-631-8134 except in Alaska and Hawaii: in New Jersey call 201-887-8000, ext. 666. In Canada, call 416-298-2700.

 **Varityper**

Composed on a Comp/Edit phototypesetter
Litho in USA A79-19

Comp/Set 4800 area composition terminal



System features

- ☐ Eliminates most manual mark-up.
- ☐ Paste-up reduced or eliminated.
- ☐ Simplifies input keyboarding.
- ☐ Reduces input keystrokes by as much as 50%.
- ☐ Eliminates complex format commands.
- ☐ Off-line input by floppy disk and optional perforated tape.
- ☐ Direct input from on-line keyboard.
- ☐ 9" x 7½" interactive CRT screen.
- ☐ Scrolling up to 6,000 characters.
- ☐ Displays up to 2,800 characters.
- ☐ Displays layout on-screen in actual type size and placement.
- ☐ 28 displayable type sizes; others programmable in 1-point increments.
- ☐ 54-pica line length displayed.
- ☐ Function field displays continuously updated parameters.
- ☐ All functions keyboard controlled.
- ☐ Typewriter-oriented keyboard.
- ☐ Three auxiliary keypads with 44 auxiliary keys for function control.
- ☐ Function keys identified with international graphic symbols.
- ☐ Automatically repeated formats.
- ☐ Eight programmable memory areas for rapid recall and insertion of repetitive formats and/or text.
- ☐ Automatic justification and hyphenation.
- ☐ Displays exact line endings.
- ☐ Character widths for up to 16 type styles stored on-line.
- ☐ Character widths loaded by floppy disk.

Option

- ☐ Auxiliary reader for perforated tape input.

AM **Varityper**

Comp/Set 4800

area composition terminal

SPECIFICATIONS

CONFIGURATION

Stand-alone system consisting of interactive CRT screen and keyboard, dual floppy disk drives, and controller.

TEXT FUNCTIONS

- ☐ Insert/delete of characters and blocks.
- ☐ Move/merge of blocks.
- ☐ Define and copy function permits free-form formatting of individual copy units.
- ☐ Dual mode operations: compose mode for automatic input, mark-up, layout, and output; text mode for proofreading of copy on-screen.

COMPOSITION FUNCTIONS

- ☐ Quadding, tabbing, and text positioning commands.
- ☐ Justification of text with or without automatic hyphenation.
- ☐ Skew and block formatting commands.
- ☐ Copying commands for repetitive formats.

VIDEO DISPLAY

Viewing area: 9" x 7 1/2".

Display capacity: Up to 2,800 characters.

Character repertoire: 160 standard characters including upper and lower case alphanumerics, pi symbols, and functions. 32 additional characters are user programmable.

Character size range: 28 standard displayable sizes including the following point sizes: 5 1/2, 6, 7, 8, 9, 10, 11, 12, 14, 16, 18, 20, 24, 28, 30, 34, 36, 42, 44, 48, 52, 56, 60, 64, 68, 72, 74. Other sizes are programmable in 1-point increments.

Line length: Up to 54 picas can be displayed; up to 70 picas can be specified and set.

Function field: displays continuously updated typesetting parameters.

Video modifiers:

Bold identifies block associated with parameter data in the function field in which cursor is currently active.



Underline identifies block which has been defined by the operator.
Cross hatch identifies position within a block at which font change has occurred.
Blink indicates that operator intervention is required.

KEYBOARD

108 keys including 64-key typewriter keypad with secretarial shift/unshift and shift lock, non-locking double shift, and triple shift for special functions; 44 auxiliary keys for control of all functions, function keys labelled with international graphic symbols; operator indicator lights.

CUSTOMIZATION

The user can tailor the unit to meet specific job requirements: point sizes, display character shapes, and font widths can be altered.

TYPESETTING FUNCTIONS

Comp/Set and Comp/Edit phototypesetter functions can be controlled, including hyphenation, justification, and mortise. Up to 16 font width tables stored on-line, user programmable by floppy disk from type discs on the phototypesetter.

INPUT

Input is from off-line sources (below), and from the unit's on-line keyboard.

Floppy disk: Input by floppy disk can be originated on Comp/Set 5404 or 5408 Video Display Input terminals, Comp/Set series 3500 or 4500 phototypesetters.

Perforated tape: Can be originated on Electro/Set or other perforators; perforated tape reader optional.

OUTPUT

Floppy disk, coded for Comp/Set or Comp/Edit phototypesetter; commands automatically generated to convert screen layout to typeset output.

FILE MANAGEMENT

Floppy disk provides storage and file management for raw text, screen image or styled text, and typesetter output text on same floppy disk.

DIAGNOSTICS

Automatic resident self-diagnostic routine checks system when machine is turned on; automatic in-depth diagnostic routine enables service technician to rapidly isolate and correct malfunctions.

PHYSICAL SPECIFICATIONS

Electrical: 115V AC 60Hz; current consumption 8 amps; or 230 V AC 50Hz; current consumption 4 amps.

UL Listed, CSA approved.

BTU/Hr: 3,140

Environmental requirements: Ambient temperature 50° to 90° F; relative humidity 10% to 90%.

Dimensions:

height	42 3/4" (108.6 cm)
width	70" (177 cm)
depth	55" (139.7 cm)
weight	327 lbs. (148 kg)

Specifications subject to change without notice.

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AM Varsityper
 11 Mount Pleasant Avenue
 East Hanover, New Jersey 07936
 CANADIAN HEAD OFFICE
 165 Milner Avenue
 Scarborough, Ontario M1S4G7

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Varityper

Composed on a Comp/Set phototypesetter
 Litho in USA A79-21

the phototypesetter. In minutes you'll have professional quality typeset copy in perfect format.

The Comp/Set concept.

Comp/Set phototypesetters have brought in-house typesetting within the reach of thousands of companies because of their low cost and ease of operation. And they're modular. So you can expand your system as your needs grow.

Today you can choose from a wide range of Comp/Set models to select the model that exactly meets your requirements. To give you maximum versatility at lowest cost.

And to make phototypesetting truly an office process, we offer the Dryex process which, for the first time, permits you to set high-quality type without the need for conventional wet processing.

Area composition.

Where your typed and edited material is to be produced in a complex format, the AMtext 425 diskette is transferred to the Comp/Set 4800 area composition terminal. The copy is brought to the screen where, with just a few simple keystrokes, you can actually create

complete typographic layouts. You'll view the copy in actual size and placement.

When the layout is the way you want it, the Comp/Set 4800 automatically inserts the correct typesetting commands on a diskette, which then controls the operation of the Comp/Set phototypesetter. The finished typeset copy will set just as it appeared on the screen.

Typesetting with the AMtext connection to the Comp/Set system is the natural choice.



Typeset copy looks better, and saves space.



Create complete layouts right on the screen.



From AMtext to Comp/Set phototypesetter by floppy disk.



Dryex process: high-quality type without chemical processing.